

17 JUN 58

THE THORNEY RURAL DISTRICT COUNCIL.

ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH FOR 1957.

Mr. Chairman and Gentlemen,

I beg to submit my Annual Report of 1957.

The health of the community has been satisfactory. There was, however, a measles epidemic from April to July, 1957, involving some 59 cases - none serious.

There was a case of paralytic poliomyelitis in November, 1957.

The water supply and sewerage system have worked well.

I add another full report from the Surveyor and Public Health Officer.

Your obedient Servant,

J.R.F. Popplewell,

Medical Officer of Health.



S T A F F

Medical Officer of Health J.R.F. Popplewell, M.R.C.S., L.R.C.P.,
D.(Obst.), R.C.O.G.

Surveyor & Public Health Inspector. E.T. Little, M.R.S.H., M.A.P.H.I.

GENERAL STATISTICS.

Area 21,796 acres.
Population 2,480.

VITAL STATISTICS.

	<u>Male.</u>	<u>Female.</u>
<u>Live Births :</u>		
Legitimate.	18.	20.
Illegitimate.	<u>1.</u>	<u>2.</u>
	<u>19.</u>	<u>22.</u>
Stillbirths.	Nil.	Nil.
Deaths of Infants under 1 year.	"	"
Deaths " " " 4 weeks "	"	"
Total Deaths:	7.	9.
Deaths from Cancer.	1.	1.
Deaths from Tuberculosis.	Nil.	Nil.

INFECTIOUS DISEASES.

<u>Measles :</u>	<u>Male.</u>	<u>Female.</u>
Under 1 year.	1	-
1 year.	2.	1.
2 years.	1.	3.
3 years.	8.	2.
above 4 years.	5.	6.
5 - 9 years.	14.	14.
10 - 14 years.	-	-
15 - 24 years.	2.	-
25 and over	-	-
	33.	26.

Scarlet Fever..... 1 case.
Pneumonia..... 2 cases.
Paralytic Poliomyelitis... 1 case.
New case of Tuberculosis.. 1

Diphtheria and Whooping Cough Immunisation.

1 year.....11 children.
2 years..... 1
5-9 years..... 1.
Booster doses..... 9.

Immunisation against Poliomyelitis.

Individual records are not kept by the County Council, but they are all grouped together for County records.

Some 30 children so far have been immunised.

Laboratory Facilities.

Ambulance Facilities.

Nursing in the Home.

Inspection and Supervision of Food.

Clinics.

The facilities of all the above services are the same as last year.

Housing.

Houses completed during the year :-

Council Houses	...	Nil.
Private Building :-		
Bungalows	...	1.
Houses	...	1.

Council Offices,
THORNEY,
Peterborough.

June, 1958.

TO THE MEDICAL OFFICER OF HEALTH.

Sir,

I have the honour to present my third Annual Report in respect of the year ended 31st March, 1958, as follows :-

NUISANCES.

16 Nuisances were investigated as follows :-

Premises (disrepair)	7.
Sanitary accommodation	2.
Offensive accumulations	1.
Drainage	5.
Insanitary conditions	1.

Number of Nuisances abated as a result
of informal action..... 16.

Number of Nuisances abated as a result
of statutory action..... Nil.

FACTORIES AND WORKSHOPS (See also Appendix 2).

Number of factories with mechanical power	6.
Number of factories without mechanical power	1.
Number of inspections.....	9.

REFUSE COLLECTION.

The refuse collection service is provided by contract labour and provides for a weekly collection in Thorney village and a monthly collection in the rural area. Disposal is carried out on the controlled tip in Peterborough by arrangement with the City Council. Four complaints were received during the year and taken up with the contractor. The present type of vehicles used by the contractor leaves much to be desired.

PETROLEUM ACTS, 1928, &c.

Thirty-seven current annual licences are in force in respect of the bulk storage of petroleum mixtures at 37 premises, an increase of 2 since last year. Twenty-eight inspections were carried out during the year.

MORTUARY.

One body was received into the Mortuary during the year. No post-mortem examinations were carried out.

IMPROVEMENT GRANTS.

Applications were received during the year in respect of 16 properties for improvement. Grants were made in each case, and the total sum awarded in grants during the year was £2,630.

WATER SUPPLY.

Bulk water consumption for the district was 23.4 million gallons or 64,000 gallons per day equivalent to 26 gallons per head per day in respect of the population served.

On chemical analysis, a sample of water taken in February, 1958, was shown to contain per million parts :-

Total solids dried at 180 deg.C	430.00.
Suspended matter	absent.
Chlorides as chlorine.	28.40
Oxidised Nitrogen as nitrate.	0.50
Oxidised Nitrogen as nitrite	0.008
Free and saline ammonia.	0.004
Albuminoid Ammonia	0.004.
Temporary hardness	235.00
Permanent hardness	57.00.
Oxygen absorbed in 4 hrs. at 80 deg.F from N/80 KMnO ₄ .	0.16.
pH value	7.00
Appearance	clear and bright.
Odour	None.
Taste and colour	normal.
Heavy metals.	absent.
Free chlorine	absent.

No. of colonies developing per ml. on agar at 21 degrees C. in 72 hrs..	1.
No. of colonies developing per ml. on agar at 37 degrees C. in 24 hrs.	0.
No. of colonies developing per ml. on agar at 37 degrees C. in 48 hrs.	17.
Faecal coli count per 100 mls. at 44 degrees C. in 48 hrs.	0.
Bacillus Coli (Presumptive) Absent in.	100 mls.

Observations on the Analysis.

This sample of water falls into Class 1 (excellent) of the Ministry of Health's classification of piped water supplies, and is also of suitable chemical quality for human consumption, domestic use and dairy purposes.

Four samples of water were submitted for bacteriological examination with results as follows :-

Highly satisfactory..... 4.
Unsatisfactory..... Nil

Length of mains in miles.....	48.
No. of metered supplies - $\frac{1}{2}$ "	149.
No. of metered supplies - $\frac{3}{4}$ "	16.
No. of new supplies provided :-	
Domestic.....	3.
Non-domestic.....	2.
Burst mains repairs.	17.
Burst services repaired.	10.
Hydrants and valves repaired.....	11.
No. of informal notices served re waste of water or defective fittings.	2.

DRAINAGE AND SEWERAGE.

No new works have been carried out. 51 blockages were cleared during the year. 2 reports of a nuisance were received in respect of the methods of disposal in the outlying area (septic tanks, pails, etc.) and satisfactorily dealt with.

DISINFESTATION.

No requests were received during the year for this service.

FOODS AND DRUGS ACT.

Two supplementary milk licences are in force. All food premises have been inspected during the year.

MEAT INSPECTION (See Appendix I for Table of Disease prevalence.)

341 carcasses of food animals were inspected during the year as follows :

Cattle	96.
Calves	2.
Sheep	124.
Pigs	119.

The use of the licenced slaughterhouse as a Deadweight Certification Centre was discontinued on the instructions of the Ministry of Agriculture, Fisheries and Food.

BUILDING BYELAWS.

23 plans were deposited in respect of new buildings and works. 39 visits and inspections were made.

SUMMARY OF VISITS AND INSPECTIONS MADE.

Nuisances	29.
Water Supply.	251.
Factories & Workshops.	8.
Food & Meat Inspection.	87.
Foodshops.	31.
Canteens.	2.
Drainage & Sewerage	117.
Drainage (new work)	32.
Caravans.	13.
Refuse Collection.	7.
Road Safety.	8.
Rodent Control.	23.
Improvement Grants.	34.
Committees, &c.	25.
New Buildings.	39.
Planning.	27.
Council Houses.	136.
Petroleum Acts.	28.
Insect Pest Control.	2.
Miscellaneous.	75.

NUMBER OF INTERVIEWS :

Office.	298.
At private residence.	73.

CONCLUSION.

In conclusion, may I express my thanks to the Council, and to the other officers and staff for their help during the year.

E.T.LITTLE,

Surveyor & Public Health Inspector.

A P P E N D I X I.

MEAT INSPECTION.

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	<u>Cattle</u> <u>Exclud-</u> <u>ing</u> <u>Cows.</u>	<u>Cows.</u>	<u>Calves</u>	<u>Sheep</u> <u>and</u> <u>Lambs.</u>	<u>Pigs.</u>	<u>Hors.</u>
Number killed.	89.	7.	2.	124.	119.	-
Number inspected.	89.	7.	2.	124.	119.	-
<u>All Diseases except</u> <u>Tuberculosis and Cysticerci.</u>	-	-	-	-	-	-
Whole carcasses condemned.	-	-	1	-	-	-
Part carcasses condemned.	9.	-	-	-	8	-
Percentage of number inspected affected with these diseases.	9.	-	50.	-	6.	-
<u>Tuberculosis only.</u>						
Whole carcasses condemned.	3.	-	-	-	-	-
Part carcasses condemned.	5.	-	-	-	2.	-
Percentage of number inspected affected with tuberculosis.	11.	-	-	-	1.	-
<u>Cysticercosis.</u>						
Part carcasses condemned.	-	-	-	-	-	-
Carcasses submitted to treatment by refrigeration.	-	-	-	-	-	-
Generalised and totally condemned.	-	-	-	-	-	-

A P P E N D I X I I .

FACTORIES ACTS 1937 and 1938.

PREMISES.

	<u>No. on Register.</u>	<u>No. of Inspections.</u>	<u>Written Notices.</u>	<u>Occupiers Prosecute</u>
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	1.	2.	-	-
Factories in which Section 7 is enforced.	6.	7.	-	-
Other Premises.	-	-	-	-
	7.	9.	-	-

NO. OF CASES IN WHICH DEFECTS WERE FOUND.

Particulars.

Prosecutions.

	<u>Found.</u>	<u>Remedied.</u>	<u>Referred to H.M. Inspector</u>	<u>by H.M. Inspector.</u>	
Want of Cleanliness.	-	-	-	-	+
Sanitary accommodation unsuitable or defective.	-	-	-	-	-
	-	-	-	-	-

